Alcorn McBride Inc.

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CONTROL

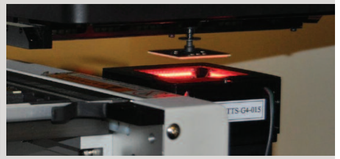
VIDEO

Alcorn McBride Inc.

AUDIO

LIGHTING

Product Catalog | www.alcorn.com



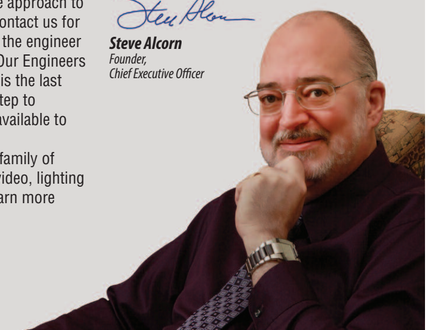
ABOUT ALCORN MCBRIDE

Alcorn McBride is the world's leading manufacturer of audio, video, lighting, and control products for themed entertainment. Since 1986, our hardware has been used in every major theme park in the world, and forms the heart of thousands of museums, visitor centers and casinos. Our products contain no moving parts (no PC's here!) so our equipment is maintenance free – a must for an industry that doesn't tolerate downtime!

Our Engineers constantly develop new products to better serve you. Because you can't design a product while simply sitting behind a desk, our Engineers base their designs on field experience and customer feedback. That's how we provide the features our clients need to create amazing guest experiences.

Our customer support staff is ready to help. We take a common sense approach to technical support. When you contact us for help, you can speak directly to the engineer who developed your product. Our Engineers understand that programming is the last (and sometimes last minute) step to opening an attraction; they're available to help you 24/7.

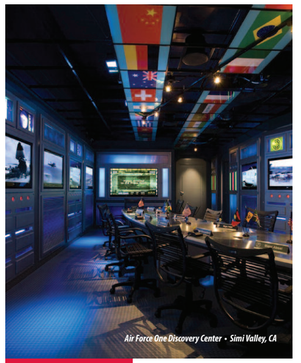
We invite you to explore our family of reliable and innovative audio, video, lighting and control products and to learn more about our company. Having been in the industry for over 25 years, we have strong roots and a wealth of experience in a variety of applications. Contact us to discuss how our products can become your solution.



Steve Alcorn
Founder,
Chief Executive Officer

DESIGN PHILOSOPHY

We focus on designing ultra-reliable audio and video playback along with lighting and control products that guarantee perfect results every time. Simply put, we manufacture products designed to operate 24 hours a day for decades with no preventive maintenance. There's a reason why the largest Theme Parks, Museums, and Entertainment Venues in the world rely on Alcorn McBride Equipment. Browse our catalog to learn why.



Air Force One Discovery Center • Simi Valley, CA

CONTROL

Our controllers are not PC's. They are not susceptible to crashes, viruses, or spyware. We engineer our controllers to run mission critical systems. With no moving parts, they are capable of running every day for years, without ever requiring reboots, software updates, or maintenance of any kind. The world's largest Theme Parks, Museums, and top Design Consultants rely on our products and would never even consider letting a PC run their show.

Lockheed Martin • Washington, D.C.

VIDEO

Whether you need a small player for a stand-alone display, a room full of synchronized videos, or better-than-broadcast high definition, there's a video player in our line that's perfect for your application. The best thing about our equipment? No moving parts! All of our video products play from CompactFlash cards. If you need video playback in a high use area, or simply want seamless looping playback that doesn't need constant maintenance, you've come to the right place.

Fantasy of Flight • Orlampa, FL

AUDIO

Our audio products range from small players ideal for individual exhibits to large-scale theatrical systems. We offer GPS-ready players for pre-recorded tours, multi-track MP3 and WAV players, and synchronous audio repeaters with a CobraNet option. All are solid-state, with no moving parts. Our Digital Binloop is our flagship product and is used by the most famous Theme Parks in the world. There's a player in our line that's perfect for your application.

The Mob Museum • Las Vegas, NV

LIGHTING

We offer you two different approaches to DMX lighting control. The DMX Machine is robust enough to perform as a complete show controller - a great fit for smaller applications. Our LightCue line is the preferred record and playback solution for Lighting Designers who want to use their favorite console but do not want to leave it on-site. We also offer DMX utility devices and apps for portable programming and diagnostics.

CONTROL

- Military Simulation
- Museum Master Control
- Dark Ride AV Control
- Themed Restaurants
- Hotel Conferences
- Theme Park Attractions
- Museum Kiosk Control
- Casino Systems Control
- Visitor Center Control
- Corporate Lobby Control
- Retail Location AV
- Water Fountain Control
- Bowling Alley AV
- Military Simulation
- PreShow Presentations
- System Monitoring
- Device Control
- 4D/5D Theater
- Wireless Live Host
- Cruise Ship Control

*"Alcorn is the standard system show controller at the major theme parks. It performs **fabulously**."*

Gary Brown
Director of Engineering • Technology West

V16 PRO • VERSATILE, FRAME-ACCURATE CONTROLLER FOR SERIAL AND NETWORK DEVICES

The V16, V16+ and V16Pro have been the industry standard controllers in the world's major theme parks for over two decades. The V16Pro is not a PC based controller. Its embedded design means it is capable of running every day for years without requiring a reboot, software update or maintenance of any kind. Simple timeline programming with drag and drop events. For "system critical" applications, add another V16Pro and activate redundant mode. No additional programming required.

- Easy to program
- Graphical Timeline interface
- Redundant mode
- Dual Ethernet ports
- Video frame synchronization
- Real-time clock scheduler
- Timecode reader/generator

V4 PRO • FRAME-ACCURATE CONTROLLER FOR UP TO FOUR DEVICES

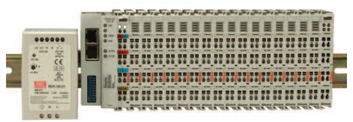
Next in our line is the V4Pro. It's perfect for smaller venues and includes a robust feature set: Dual Ethernet ports, real-time clock scheduler, incoming message processing, Graphical Timeline Interface, redundant mode and much more. Combine the V4Pro with our audio/video players and lighting controllers for a solid system that will outlast any other. V2+ available for control of two serial devices.

- No moving parts
- Dual Ethernet ports
- 16 Opto inputs/16 relay outputs
- 4 RS-232/422 ports
- Video frame synchronization
- Real-time clock
- Graphical Timeline interface

VCORE • COMPACT CONTROLLER FOR UP TO TEN DEVICES

VCore is a sleek yet powerful controller perfectly suited for kiosks, trade show displays, museum exhibits, boardrooms, and sub-systems. This versatile and compact controller mounts on a standard DIN Rail, controls up to ten devices, and works seamlessly with Touch software to create customizable user interfaces.

- Easy to program
- Graphical Timeline interface
- Simple Touch integration
- Ethernet control w/POE
- Real-time clock
- DIN Rail mountable



AMI/O • DISTRIBUTED I/O SOLUTION

AMI/O is a distributed I/O solution connecting large amounts of field I/O with a single Ethernet cable. Easily add more inputs or outputs as you need them. Our Pro Series controllers treat remote I/O like local I/O for seamless system integration. AMI/O has a sleek form factor and the spring-loaded terminals makes wiring easy and secure.

- Flexible configurations
- Up to 64 I/O
- Ethernet TCP/IP
- DIN-rail mountable
- Sleek form factor
- Easy to wire

SHOWTOUCH • COMPLETE TOUCH PANEL INTERFACE

ShowTouch is a Graphical User Interface (GUI) to control and monitor our Pro Controllers. Designing elaborate screens with indicators, buttons, variables and faders is easy with Touch software. ShowTouch hardware is a rugged embedded platform with no moving parts. For wireless control, ShowTouch for iOS and UDP Remote apps are available in the iTunes store.

- Built-in tutorial
- Secure interface w/passwords
- Customizable
- No complex programming
- 17" and 10" hardware options or download full featured app for iOS

VIDEO

- Retail Multi-Screen Playback
- Theme Park Queue Line
- Park Attraction Videos
- Hotel Lobby Displays
- Visitor Center Displays
- Video Walls
- Tour Bus (GPS)
- Tourist Trains (GPS)
- Source for LED Walls
- Theme Park Attractions
- Dark Ride Vehicles
- Museum 3D Shows
- Video Art Playback
- Mobile Video Playback
- Museum Lobby Video
- Holographic Video
- Mobile Education
- Training Simulators

*"We needed something that was easy to program, ingest content and was **reliable** for the almost 1000 programs we present in little over a week."*

Chapin Cutler
President • Boston Light & Sound

CARBON SERIES • HIGH FRAME RATE HD VIDEO PLAYERS

Carbon Series video players are designed for applications where smooth high-resolution playback is a must. Carbon's ability to natively play 60 frame-per-second content provides jitter-free playback in a rugged maintenance-free package. These players are perfect for 3D applications, large screen theaters, ride vehicle video, large LED walls, and other applications where high frame rate playback enhances the guest experience.

For High-Definition 1080p/60fps playback, our single channel Carbon player is a perfect fit. For UltraHD 4K, choose Carbon 4K.

- Native 60fps playback at 1080p (Carbon)
- Native 60fps playback at UltraHD 4K (3840 x 2160 Carbon 4K)
- Quad 3G HD-SDI and Quad HDMI output (Carbon 4K)
- Compact Solid-State design
- Flexible control
- Genlock
- Ethernet for remote content updates

A/V BINLOOP HD • MULTI-CHANNEL AUDIO/VIDEO PLAYER

The A/V Binloop HD is the go-to unit for synchronous playback. It provides up to 8 channels of Full HD (1080p) or two channels of UltraHD 4K. It plays back MPEG2 or MPEG-4/h.264 video at bitrates up to 40 Mb/sec and offers flexible control options.

- Video Synchronization
- Up to (8) Full HD (1080p/30fps)
- 16x Stereo or AC3
- Timecode Sync
- Genlock input
- Ethernet for remote content updates
- Dante or Cobranet (options)

DIGITAL VIDEO MACHINE HD • SINGLE CHANNEL HD VIDEO PLAYER

The Digital Video Machine HD is the ultimate high definition video player. It provides high-quality video in a compact, reliable form. It plays from CompactFlash so there are no moving parts to break. Combine the DVM8500 with our Digital Media Manager software to create video networks. The DVM8500 is the perfect HD video playback source. Standard Definition model also available.

- Compact size
- 3G HD-SDI
- 1080p, 1080i, 720p
- Flexible control
- Over 100 hours of playback
- Playlisting and scheduling
- Ethernet for remote updating

SETPLAYER SP1000 • SINGLE CHANNEL PLAYER FOR ON-SET VIDEO

Designed for inexpensive and reliable on-set video playback. Single channel unit with sync capabilities. Works with existing VDCP control and includes MediaFLow for a complete workflow solution.

- RS-422 (VDCP/Louth Protocol)
- 1080p, 1080i, 720p
- GPIO
- Genlock
- Ethernet for remote content updates

MEDIAFLOW • SIMPLE ENCODING SOFTWARE FOR ALCORN MCBRIDE PRODUCTS

MediaFlow Software is not just a simple encoder – it's a complete workflow solution! This easy-to-use software takes source material from the encoding system and guides you through a step-by-step process to create video that is compatible with Alcorn McBride video players. It accepts all major video formats and outputs h.264or MPEG2 video with MPEG or AAC audio.

- Accepts all major video formats
- Outputs h.264 or MPEG2
- Supports NTSC, PAL, 720p, 1080i, 1080p
- Portable USB option
- FTP capability

AUDIO

- Bus Tours (GPS)
- Train Tours (GPS)
- Kiosk Audio
- Retail BGM
- Amusement Park BGM
- Multi-Language Tours
- Effects for Haunted House
- Effects for Dark Rides
- Military Simulations
- Boat Tours (GPS)
- Amphibious Tours
- Water Fountain Audio
- Theme Park BGM
- Theme Park Effect Audio
- Training Simulators

*"They're a well-known staple for museums thanks to their **bullet-proof** performance and reliability."*

Glenn Polly
President & CEO • Videosonic

A/V BINLOOP • MULTI-CHANNEL AUDIO/VIDEO PLAYER

The A/V Binloop is the industry standard for multi-track audio playback. With up to 32 channels of 16-bit/48KHz audio, the Digital Binloop is the ultimate high performance audio source. It can be configured to play up to 32 channels perfectly synchronized, independently, or any combination. Since it stores the audio on CompactFlash, the A/V Binloop will work for years without any maintenance required. For 24-bit/96KHz audio, upgrade to the Digital Binloop.

- No moving parts
- 32 tracks of 16-bit synchronized audio
- SMPTE
- RS-232, MIDI, Contact or Ethernet Control
- Balanced, unbalanced, AES/EBU, CobraNet or Dante (options)

PROTRAXX • 16 CHANNEL MP3 PLAYER WITH MIC/AUX INPUT

ProTraXX plays 16 mono tracks (or 8 stereo) from a single rack-mount unit. Each track can be triggered allowing direct connection to sensors or switches. It's ideal for dark rides, interactives, and visitor centers. The Mic/Aux input makes it perfect for audible signage.

- Ethernet for remote updating
- Playback up to (16) MP3 Files
- Microphone/Aux input for zone paging
- Over 100 hours of playback
- Real time clock scheduler
- Spot logging capabilities

8TRAXX/E • 8 STEREO CHANNEL MP3 PLAYER

8TraXX plays eight independent stereo tracks from a single rack-mount unit. Featuring a DSP-based design, 8TraXX plays high-bitrate MP3 tracks with a variety of control options. With storage on CompactFlash, 8TraXX is a compact, rugged maintenance free solution to all playback needs.

- Ethernet for remote updating
- RS-232, MIDI, or Ethernet control
- Play up to (8) independent stereo MP3's
- Playlisting and scheduling
- Display LCD
- Files stored on CompactFlash

TOURTRAXX • MULTI-CHANNEL GPS TRIGGERED AUDIO PLAYER

TourTraXX is a 16-channel GPS triggered Vehicle Audio Player. It is ideal for pre-recorded bus tours, trolleys, shuttles and trams. It is sized to fit almost anywhere, works in high vibration environments, and is easy to program.

- Ethernet for remote updating
- Microphone/Aux input for paging
- Rugged automotive connectors
- Spot logging capabilities
- Files stored on CompactFlash

RIDETRAXX • VEHICLE-BASED SYNCHRONIZED AUDIO PLAYER WITH CROSSFADE

RideTraXX is a multi-channel synchronized MP3 Audio Player for high inertia vehicle applications. RideTraXX is engineered for on-board audio playback and is conformal coated to withstand harsh conditions. It plays up to 16 synchronous channels (16 at 128kbps or 10 at 192kbps) or up to 8 channels with crossfade.

- Up to 16 channels of synchronous audio
- Locking Molex & Ethernet connectors
- Ethernet for remote updating
- Works in high vibration environments
- Files stored on CompactFlash
- Mounts anywhere

DIGITAL AUDIO MACHINE • SINGLE CHANNEL MP3/WAV PLAYER

The Digital Audio Machine is a single (stereo) channel MP3 and WAV player built for the most demanding applications. With a variety of control and output options, the Digital Audio Machine is the perfect audio source for any application.

- Compact size
- Real time clock and GPS input
- Scheduler and playlists
- Ethernet option
- Line-level, speaker/AMP, S/PDIF options

LIGHTING

- Architainment Lighting
- High-Rise Lighting
- Themed Attraction
- Museum Lighting
- Kiosk Lighting
- Dark Ride Lighting
- Fountain Lighting
- Theater Lighting
- House of Worship
- Theme Park Attractions
- Advanced Retail Lighting
- Bowling Alley Lighting
- Architectural Lighting

*"Almost all of the lights in the building are controlled with the DMX system. It's **rock-solid.**"*

Ryan Markus
IT Manager • The Mob Museum

LIGHTCUE PRO • 4 UNIVERSE DMX RECORDER/PLAYER

The LightCue Pro is a 4 Universe DMX recorder/player designed for permanent install and architectural lighting applications. Use any lighting console to program your lighting then record the DMX output into the LightCue Pro. Take the console away and you are ready to go! With no moving parts, the LightCue Pro is designed to run for years without any maintenance.

- Record up to 4 universes
- Stores at least 100 hours of DMX data
- Parallel, SMPTE, Serial, & Ethernet control
- Can "pile-on" up to 40 simultaneous cues
- Switch between live and recorded material
- Records output of any lighting board

LIGHTCUE/E • MULTI-UNIVERSE DMX RECORDER/PLAYER

The LightCue takes the features of our LightCue Pro multi-universe DMX recorder/player and brings it to the single DMX universe. It includes all of the features of the Pro version making it ideal for smaller applications.

- Ethernet Control
- Records output of any lighting board
- Can "pile-on" up to 40 simultaneous cues
- Switch between live and recorded material
- Stand alone or controller driven operation
- Jam syncs to SMPTE incoming timecode

DMX MACHINE • SCRIPTED CONTROLLER WITH A DMX-512 OUTPUT

The DMX Machine is an easy-to-program, scriptable lighting controller. It is perfect for controlling lighting in synchronization with other show elements. Use the DMX Machine's serial port to control an external device to have a self contained show with lighting. It can also function as an RS-232 to DMX gateway when interfaced with another control system.

- Easy to program
- Scripted control of 512 dimmer channels
- Use stand-alone or slave to other controllers
- 16 contact-closure inputs
- Serial RS-232 control

DMX OVERRIDE • DMX UTILITY DEVICE

The DMX OverRide takes manual control of DMX fixtures and overrides the stream with pre-programmed looks. It's perfect for Maintenance and Special Events lighting. It protects against DMX dropouts and system failures by holding a static look when DMX data drops. It can also hook to a fire alarm system and access a known look when triggered.

- Manual OverRide of DMX stream
- Protects against DMX dropouts
- Versatile interface
- Battery backup
- (3) scene selects
- Resume feedthrough

LIGHTINGPAD • DMX LIGHTING CONTROL APP

LightingPad is the perfect app for controlling small shows or for testing lighting systems. Connect any Art-Net compatible DMX device to a wireless network, and have a complete mobile lighting console. Automatically search for Art-Net devices, choose to display sliders in percent or value, and select any of 16 universes. Available in the iTunes App Store.

- Control 512 channels of DMX
- Industry-standard Art-Net DMX Ethernet protocol
- Up to 100 cues with independent fade times
- Save and load cue files to your PC
- Automatic search and display of Art-Net devices
- Compatible with iPad and iPhone